PRO File DOE/019/02
Copy to Tom T.
Wayne
JIM
NOV 04 1983

Scott M. Matheson
Governor

James O. Mason, M.D., Dr.P.H.
Executive Director
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STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500

Kenneth Lee Alkema, Director
Room 474 801-533-6121

November 2, 1983
533-6146

RECEIVED
NOV 4 1983
DIVISION OF
OIL, GAS & MINING

Mr. Robert J. Barnes
P.O. Box 313
Cisco, Utah 84515

RE: Poor Boy Tailings

Dear Mr. Barnes:

This bureau remains concerned about the potential concentration of metals in the tailings from the proposed gold recovery using mercury at your Poor Boy Claims near the Dewey Bridge in Grand County. At the October 27, 1983 meeting with you at the Division of Oil, Gas and Mining, the need was expressed to receive and evaluate information on the tailings prior to operation.

In addition to the arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver metal analyses mentioned, copper should also be analyzed. These total metal analyses must be of the tailings following a representative laboratory test of the gold recovery by the mercury process. The metal analyses must be performed by a State certified laboratory. If the metal analysis indicate unsatisfactory concentrations the tailings area would have to be lined. Plans for the liner would have to be approved by this bureau before operation.

In addition to the above, a flow diagram of the circuit and copy of the mining plan must be submitted. This must include water flow rates to indicate the stated no wastewater discharge from the circuit.

After the above information is submitted we will send our evaluation to you within 30 days.

Sincerely,

Steven McNeal

Steven R. McNeal
Public Health Engineer
Bureau of Water Pollution Control

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cc: Oil, Gas and Mining - Tom Tetting ✓
Southeastern District Health Dept.
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